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Supplement to
FOREIGN-LANGUAGE TRANSLATIONS

of

FOREST PRODUCTS RESEARCH RESULTS

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FOREST PRODUCTS RESEARCH RESULTS

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Madison, Wisconsin 53705.

<u>Translation No.</u>	<u>Author, Title, and Source</u>
537	GRATZL, A. Effects on the stability of furniture parts. Holz als Roh- und Werkstoff 21(4):149-153, 1963.
570	VANESSE, R. Contribution to the study of the physical properties of particle board obtained from self agglomeration. A study of the variation in density. Forest Laboratory, University of Louvain, Extrait de Agricultura, Vol. II, series 2, No. 3, pp. 355-369, September 1963.
571	ANDRE, P. Contribution to the study of the compression of lignocellulosic elements. Influence of the degree of humidity of the particles on the properties of particle board made from <u>Picea abies</u> (Karst). Forest Laboratory, University of Louvain. Centre d'Etude pour l'Utilisation des Sciures de Bois 5 - 1963.
575	CLAD, W. Glue testing in a large chemical plant. Holz als Roh- und Werkstoff 21(11):447-452, 1963.
578	WEBER, A. Magnetostrictive measurements of the cutting forces in wood molding. Holz als Roh- und Werkstoff 20(12):486-492, 1962.
604	BHATNAGAR, N. S. Creep of wood in tension parallel to grain. Holz als Roh- und Werkstoff 22(8):296-299, 1964.
606	FREY, H. P. On the lignification of the cell wall. Holz als Roh- und Werkstoff 17(8):313-318, August 1959.
617	ZYCHA, H., and DIMITRI, L. Experiences with a device for determination of rot in growing trees. Forstw. Centralblatt. 81(7/8):222-230, 1962.

Translation
No.

Author, Title, and Source

618 JURASEK, L. Changes in microscopic structure of wood decomposed by wood-destroying fungi. Drevarsky Vyskum 3:127-141, 1964.

621 KALNÍNS, A. Plasticized wood. Latv. PSR Zinat. Akad. Vestis, Riga 4:48-55, 1964.

622 KALNÍNS, A., DARZIŅŠ, T. A., and BERZIŅŠ, G. V. Plasticizing wood with preliminary treatment of ammonia. Derev. Prom. 5:11-13, 1964.

627 BUSCHBECK, L., KEHR, E., and SHERFKE, R. Investigation on the suitability of various wood species and assortments for chipboard manufacture. 2. Pine brushwood. Holztechnologie 2(3): 195-201, 1961.

632 GAFAHRT, J. Effect of ohmic conductivity on the transformation of energy in the high-frequency heating of glue lines. Holz als Roh- und Werkstoff 23(1): 10-15, 1965.

633 PECINA, HEINZ. Demonstration and action of the paraffin glue for water-repellent processing of chipboard. Holztechnologie 6(2):127-129, 1965.

634 TRAPP, W., and PUNGS, L. Influence of temperature and moisture on the dielectric behavior of natural wood in the high-frequency range. Holzforschung 10(5): 144-150, 1956.

635 FREUDENBERG, K., and RENNER, K. C. Biphenyls and diarylethers in the initial development of lignin. Chemische Berichte 98(6):1879-1892, 1965.

636 PENSAR, G., and BRUNN, H. H. Studies on components in wood. 2. Gas-chromatographic separation of methyl esters of individual resin acids. Acta Academiae Aboensis, Ser. B. 24(6):1-15, 1964.

637 CUDINOV, B. S. Determination of mean effective thermal coefficients of wood. Trud. Inst. Les. 65:48-65, 1963.

638 STEGMANN, G., and DURST, J. Particle board from beech wood. Moderne Holzverarbeitung 58:313-318. Holz-Zentralblatt 90(153):Dec. 21, 1964.

639 BIRJUKOV, V. A. Uniformity of the drying of sawn timber during rapid seasoning with dielectric and convective heating. Lesnaia Prom. 13(7):25-27, 1953.

Translation
No.

Author, Title, and Source

640 GROMOV, V. S., and KHROL, L. A. Influence of salts on the dissolution of lignin and carbohydrates of hardwood. Chemical Treatment and Preservation of Wood, pp. 35-52. Academy of Sciences of the Latvian SSR, Riga, 1964.

641 DOMBURY, G. E., and GROMOV, V. S. The decomposition of carbohydrates and the formation of furfural during hydrotropic cooking of hardwood. Chemical Treatment and Preservation of Wood, pp. 53-60. Academy of Sciences of the Latvian SSR, Riga, 1964.

642 SELLEBY, L. Wood degradation and pulp quality with outside chip storage. Svensk Papperstidning 68(14):477-481, 1965.

643 CROON, I. Resin maturation in some chip piles--consequences for the sulfite and sulfate industries. Svensk Papperstidning 68(10):378-383, 1965.

644 NILSSON, T. Micro-organisms in chip piles. Svensk Papperstidning 68(15):495-499, 1965.

645 LJUNGQVIST, K. J. Temperature and moisture variations in a number of chip piles. Svensk Papperstidning 68(16):527-533, 1965.

646 KOLLMANN, F. Wood as construction material of the future. Holz-Zentralblatt. 91(71/72):1257-1262, June 18, 1965.

647 DOBRESCU, G. M. Frost cracks. Types, and derived and associated defects. Industria Lemnului 15(12):470-474, 1964.

648 KALNINA, V. K., KALNIN'SH, A. I., and BERNART, I. I. Hydrolysis of birchwood by Vibro-Mill M-10 in the presence of different catalysts. Chemical Treatment and Preservation of Wood, pp. 21-30. Academy of Sciences of the Latvian SSR, Riga, 1964.

649 PAHLITZSCH, G., and DZIOBEK, K. On the blunting of sanding belts in woodworking. Holz als Roh- und Werkstoff 19(4):136-149, 1961.

650 PAHLITZSCH, G., and DZIOBEK, K. Determining the surface quality of machined wood surfaces. Part I--Methods of measuring and evaluating belt-sanded wood surfaces. Holz als Roh- und Werkstoff 19(10):403-407, 1961.

Translation
No.

Author, Title, and Source

651 PAHLITZSCH, G., and DZIOBEK, K. Determining the surface quality of machined wood surfaces. Part II--Effect of operating conditions on quality of sanded wood surfaces. *Holz als Roh- und Werkstoff* 20(4):125-137, 1962.

652 FORSSBLAD, L. -H. Outside chip storage. *Papper och Trä* 47(8):455-462, 1965.

653 JURÁSEK, L. Changes in microscopic structure of lignified cell wall during attack by wood-decaying fungi. *Biologia* 10(5):569-579, 1957.

654 YLINEN, A. Prediction of the time-dependent elastic and strength properties of wood by the aid of a general nonlinear viscoelastic rheological model. *Holz als Roh- und Werkstoff* 23(5):193-196, 1965.

655 YEN LUNG-FEI and SHIH TEH-CHUAN. The presence of a contractile protein in higher plants. *Acta Biochemica et Biophysica Sinica* 3(4):490-496, December 1963.

656 PAHLITZSCH, G., and SOMMER, I. Production of wood chips with a cylinder-type chipping machine. *Holz als Roh- und Werkstoff* 23(10):403-412, 1965.

657 HARMSEN, L., and NISSEN, T. V. Bacterial attacks on wood. *Holz als Roh- und Werkstoff* 23(10):389-393, 1965.

658 NEUSSER, L., KAMES, U., and HAIDINGER, K. The response of particle board to moisture with special regard to swelling. *Holzforschung und Holzverwertung* 17(4):57-69, 1965.

659 ANONYMOUS. Wood and fire. Studies and documents assembled under the direction of the Association for the Development of Wood Use--Paris, 1963.

660 KRULL, R. Investigations on the structure and development of plasmodesmata in bark parenchyma of *Viscum album*. *Planta (Berl.)* 55:598-629, 1960.

661 RECK, S. The variation and covariation of some anatomic characteristics of wood and their relation to density in pine. *Mitteilungen der Bundes- forschungsanstalt für Forst- und Holzwirtschaft (Reinbek bei Hamburg)* No. 60, 120 pp., October 1965.

Translation
No.

Author, Title, and Source

662 KALINA, M. The shear stress in plywood gussets for glued trusses. *Holz als Roh- und Werkstoff* 23(10):394-396, 1965.

663 ANDERSSON, BENGT, and SAMUELSON, OLOF. Das eindringen von elektrolyten in cellulosefasern. 1. *Svensk Papperstidning* 61(23):1001-1009, Dec. 15, 1958.

665 LUNDGREN, S. AKE. Does the bending test of wood fiberboards produce correct values? A critical consideration. *Holzforschung und Holzverwertung* 11(4):86-88, 1959.

666 NOREN, BENGT, and SAARMAN, ENDEL. Shear tests on plywood. *Holz als Roh- und Werkstoff* 16(1):17-22, 1958.